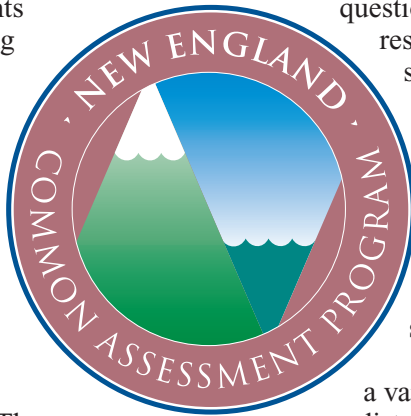


# About The New England Common Assessment Program

This report highlights results from the Spring 2011 New England Common Assessment Program (NECAP) science tests. The NECAP tests are administered to students in New Hampshire, Rhode Island, and Vermont as part of each state's statewide assessment program. The NECAP science test results are used primarily for program evaluation, school improvement, and public reporting. Achievement level results are used in the state accountability system required under No Child Left Behind (NCLB). More detailed school and district results are used by schools to help improve curriculum and instruction. Individual student results are used to support information gathered through classroom instruction and assessments.

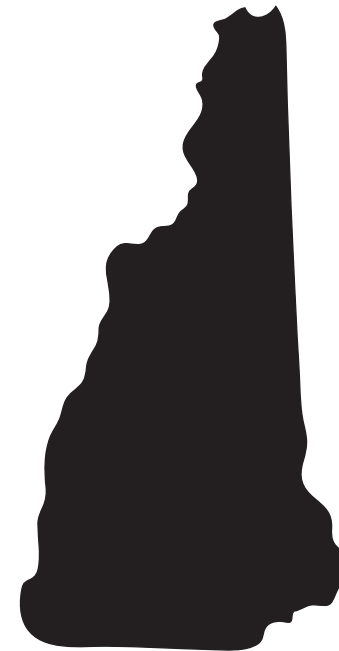
The NECAP science tests are administered to students in grades 4, 8, and 11. The tests are designed to measure student performance on standards developed and adopted by the three states. Specifically, the tests are designed to measure the content and skills that students are expected to have as they complete the K–4, 5–8, and 9–11 grade spans—in other words, the content and skills that students have learned through the end of the tested grade.

Each test contains a mix of multiple-choice and constructed-response



questions. Constructed-response questions require students to develop their own answers to questions. The science test also includes an inquiry session that requires students to answer questions based on results of an actual scientific investigation. This report contains a variety of school- and/or district-, and state-level assessment results for the NECAP science tests administered at a grade level. Achievement level distributions and mean scaled scores are provided for all students tested as well as for subgroups of students classified by demographics or program participation. The report also contains comparative information on school and district performance on four specific science domains.

In addition to this report of grade level results, schools and districts will also receive Item Analysis Reports, released item support materials, and student-level data files containing NECAP results. Districts will also receive a Summary Report that will show results for all district schools. Together, these reports and data constitute a rich source of information to support local decisions in curriculum, instruction, assessment, and professional development. Over time, this information can also strengthen the school's and district's evaluation of their ongoing improvement efforts.



## Spring 2011 Grade 8 NECAP Science Test

## State Results

**State:** New Hampshire



# Spring 2011 - Grade 8 NECAP Science Test

## Grade Level Summary Report

State: New Hampshire

Schools and districts administered all NECAP tests to every enrolled student with the following exceptions: students who participated in the alternate assessment for the 2010-11 school year, students who withdrew from the school after May 9, 2011, students who enrolled in the school after

May 9, 2011, students for whom a special consideration was granted through the state Department of Education, and other students for reasons not approved. On this page, and throughout this report, results are only reported for groups of students that are larger than nine (9).

PARTICIPATION in NECAP	Number			Percentage		
	School	District	State	School	District	State
<b>Students enrolled on or after May 9</b>			<b>15,416</b>			<b>100</b>
<b>Students tested</b> With an approved accommodation  Current LEP Students With an approved accommodation  IEP Students With an approved accommodation  <b>Students not tested in NECAP</b> State Approved Alternate Assessment Withdrew After May 9 Enrolled After May 9 Special Consideration Other	Science			Science		
			<b>15,175</b>			<b>98</b>
			2,135			14
			276			2
			134			49
			2,504			17
			1,530			61
			<b>241</b>			<b>2</b>
			167			69
			155			93
			0			0
			0			0
			12			7
			74			31

### NECAP RESULTS

		State																								
		Enrolled	NT Approved	NT Other	Tested	Level 4		Level 3		Level 2		Level 1		Mean Scaled Score	Tested	Level 4	Level 3	Level 2	Level 1	Mean Scaled Score	Tested	Level 4	Level 3	Level 2	Level 1	Mean Scaled Score
						N	%	N	%	N	%	N	%													
SCIENCE	15,416	167	74	15,175	76	1	4,044	27	7,915	52	3,140	21	835													

Level 4 = Proficient with Distinction; Level 3 = Proficient; Level 2 = Partially Proficient; Level 1 = Substantially Below Proficient

NOTE: Throughout this report, percentages may not total 100 since each percentage is rounded to the nearest whole number.



# Spring 2011 - Grade 8 NECAP Science Test

## Science Results

State: New Hampshire

### Proficient with Distinction (Level 4)

Students performing at this level demonstrate the knowledge and skills as described in the content standards for this grade span. Errors made by these students are few and minor and do not reflect gaps in knowledge and skills.

### Proficient (Level 3)

Students performing at this level demonstrate the knowledge and skills as described in the content standards for this grade span with only minor gaps. It is likely that any gaps in knowledge and skills demonstrated by these students can be addressed by the classroom teacher during the course of classroom instruction.

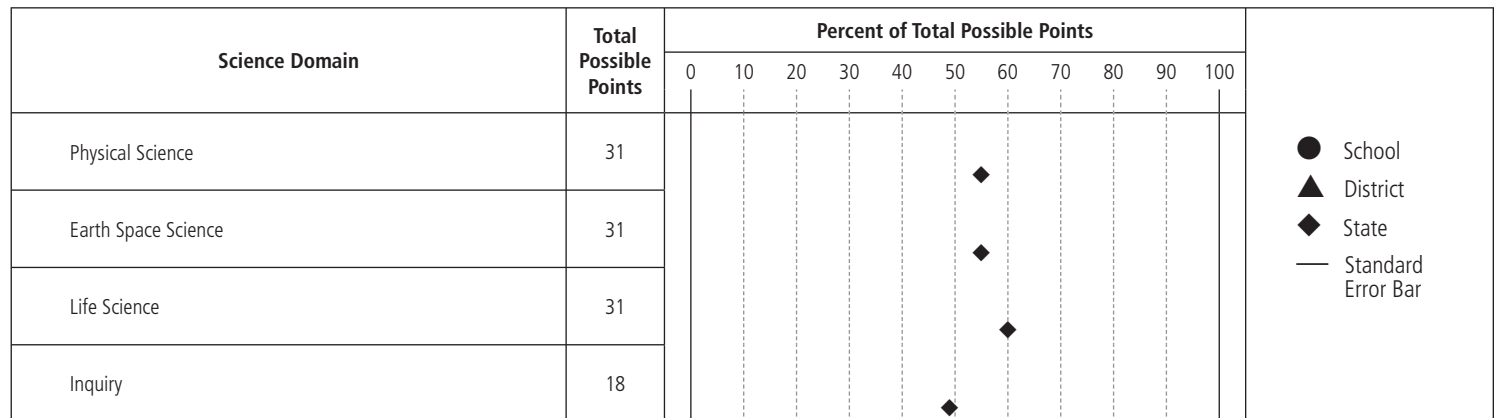
### Partially Proficient (Level 2)

Students performing at this level demonstrate gaps in knowledge and skills as described in the content standards for this grade span. Additional instructional support may be necessary for these students to achieve proficiency on the content standards.

### Substantially Below Proficient (Level 1)

Students performing at this level demonstrate extensive and significant gaps in knowledge and skills as described in the content standards for this grade span. Additional instructional support is necessary for these students to achieve proficiency on the content standards.

	Enrolled	NT Approved	NT Other	Tested	Level 4		Level 3		Level 2		Level 1		Mean Scaled Score
	N	N	N	N	N	%	N	%	N	%	N	%	
<b>SCHOOL</b> 2008-09 2009-10 <b>2010-11</b> Cumulative Total													
<b>DISTRICT</b> 2008-09 2009-10 <b>2010-11</b> Cumulative Total													
<b>STATE</b> 2008-09 2009-10 <b>2010-11</b> Cumulative Total	15,866 15,531 <b>15,416</b> 46,813	149 182 <b>167</b> 498	70 63 <b>74</b> 207	15,647 15,286 <b>15,175</b> 46,108	57 66 <b>76</b> 199	<1 <1 <b>1</b> <1	3,696 4,083 <b>4,044</b> 11,823	24 27 <b>27</b> 26	8,254 7,902 <b>7,915</b> 24,071	53 52 <b>52</b> 52	3,640 3,235 <b>3,140</b> 10,015	23 21 <b>21</b> 22	834 835 <b>835</b> 835





# Spring 2011 - Grade 8 NECAP Science Test

## Disaggregated Science Results

State: New Hampshire

REPORTING CATEGORIES	State																		
	Enrolled	NT Approved	NT Other	Tested	Level 4		Level 3		Level 2		Level 1		Mean Scaled Score	Tested	Level 4	Level 3	Level 2	Level 1	Mean Scaled Score
	N	N	N	N	N	%	N	%	N	%	N	%		N	%	%	%	%	
<b>All Students</b>	<b>15,416</b>	<b>167</b>	<b>74</b>	<b>15,175</b>	<b>76</b>	<b>1</b>	<b>4,044</b>	<b>27</b>	<b>7,915</b>	<b>52</b>	<b>3,140</b>	<b>21</b>	<b>835</b>						
<b>Gender</b>																			
Male	7,938	92	49	7,797	36	<1	2,130	27	3,942	51	1,689	22	834						
Female	7,477	75	25	7,377	40	1	1,914	26	3,973	54	1,450	20	835						
Not Reported	1	0	0	1															
<b>Race/Ethnicity</b>																			
Hispanic or Latino	552	3	5	544	0	0	51	9	257	47	236	43	829						
Not Hispanic or Latino																			
American Indian or Alaskan Native	52	1	0	51	0	0	8	16	25	49	18	35	831						
Asian	369	4	2	363	3	1	134	37	155	43	71	20	836						
Black or African American	314	3	2	309	1	<1	22	7	149	48	137	44	828						
Native Hawaiian or Pacific Islander	16	0	0	16	0	0	1	6	7	44	8	50	829						
White	13,968	156	64	13,748	72	1	3,803	28	7,239	53	2,634	19	835						
Two or more races	0	0	0	0															
No Race/Ethnicity Reported	145	0	1	144	0	0	25	17	83	58	36	25	833						
<b>LEP Status</b>																			
Current LEP student	279	1	2	276	0	0	3	1	84	30	189	68	823						
Former LEP student - monitoring year 1	26	0	0	26	0	0	2	8	19	73	5	19	833						
Former LEP student - monitoring year 2	29	0	0	29	0	0	4	14	18	62	7	24	832						
All Other Students	15,082	166	72	14,844	76	1	4,035	27	7,794	53	2,939	20	835						
<b>IEP</b>																			
Students with an IEP	2,703	162	37	2,504	1	<1	146	6	976	39	1,381	55	827						
All Other Students	12,713	5	37	12,671	75	1	3,898	31	6,939	55	1,759	14	836						
<b>SES</b>																			
Economically Disadvantaged Students	3,847	44	33	3,770	5	<1	452	12	1,932	51	1,381	37	830						
All Other Students	11,569	123	41	11,405	71	1	3,592	31	5,983	52	1,759	15	836						
<b>Migrant</b>																			
Migrant Students	0	0	0	0															
All Other Students	15,416	167	74	15,175	76	1	4,044	27	7,915	52	3,140	21	835						

Level 4 = Proficient with Distinction; Level 3 = Proficient; Level 2 = Partially Proficient; Level 1 = Substantially Below Proficient

NOTE: Some numbers may have been left blank because fewer than ten (10) students were tested.